

**A33**



## Innovation Patent

Integrated **GPU**

- More Efficiency
- Low Power Consumption



## 2 in 1 Fiber Endface Melter & Fusion Splicer



4.3 Inch  
Touch Screen



5 Sec. Splicing  
15 Sec. Heating



Remote  
Locker  
Anti-theft



ID Electrodes  
5000 Cores

## Package



- ① Fusion Splicer A33    ② Quick Start Guide    ③ Stripper CFS-2    ④ Drop cable stripper    ⑤ High precision cleaver C108  
 ⑥ Carrying case    ⑦ High capacity battery BAT-05    ⑧ Adapter    ⑨ Extra electrodes    ⑩ Cooling tray    ⑪ Hand strap    ⑫ Alcohol bottle

## Specifications

Size & Weight	D136 × W141 × H136 (mm), 1.5kg (1.8kg with battery)
Fiber alignment	High Precision PAS Alignment
Fiber type	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZ/NZDS (ITU-T G.655), BI (ITU-T G.657)
Splice mode	Single fiber
Fiber diameter	Cladding diameter 80~150μm, coating diameter 100~3000μm
Cleave length	250μm cladding diameter 8~16mm, over 250μm cladding diameter 16mm
Splicing programs	Max. 100
Splicing time	5 sec. [SM Fast] program, 12 sec. [SM G652] program
Heating programs	Max. 30
Heating time	Adjustable. 15 sec. with slim 60 mm and 40 mm sleeves
Splice protector	10~60mm
Splice image capture	Max. 300, Automatic cycle storage
Splice data storage	Max. 20000
Splice loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZ/NZDS:0.04dB, BI:0.02dB
Return loss	>>60dB
Loss estimation	Provided
Operation condition	Altitude 0~5000m, Humidity 0~95%, Temperature -10~+50°C, Wind velocity up to 15m/s
Storage condition	Humidity 0~95%, Temperature -40~+80°C (Battery -20~+40°C)
Tension	2N
Fiber view	4.3 inch high-light color touch screen
Fiber magnification	500x for X or Y single axis view, 300x for X & Y single axis view (zoom up)
Port	High speed USB
Electrodes life	5000 ARC discharges
Power supply	AC100-240V, 50/60Hz
Battery parameters	4000mAh High capacity battery, more than 240 times splicing and heating